

Floods Caused by Tropical Systems: Chemung River at Elmira

Latitude: 42.086

Period of Record: 1889-Present

Longitude: -76.801

Flood Stage: 12 ft

Last Flood: 5/16/2014

Number of Floods: 34

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
6/23/1972	25.20	235,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
9/26/1975	19.70	-9,999	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
9/18/2004	13.59	45,100	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
9/9/2004	12.85	-9,999	The remnants of Hurricane Frances combined with a low pressure system and produced heavy rain throughout the Mid-Atlantic. Rainfall totals ranged from 2 - 3 inches in New Jersey to 2.5 - 6 inches in Central Pennsylvania.
9/3/2006	12.19	-9,999	Several low pressure systems brought heavy rainfall to the region. These systems were followed by Tropical Storm Ernesto, which dumped 2-4 inches of rain throughout the Mid-Atlantic.

Drainage Area: 2162 sq mi

Tropical information before 1940 is limited.

County of Gage: Chemung

Gage Datum: 833.65 ft MSL

Chemung Basin

County of Forecast Point: Chemung

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